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WARNING: READ BEFORE USING YOUR PlayStation™ CONSOLE.

A very small percentage of individuals may experience epileptic seizures when exposed to certain light patterns or flashing lights. Exposure to certain patterns or backgrounds on a television screen or while playing video games, including games played on the PlayStation™ console, may induce an epileptic seizure in these individuals. Certain conditions may induce previously undetected epileptic symptoms even in persons who have no history of prior seizures or epilepsy. If you, or anyone in your family, has an epileptic condition, consult your physician prior to playing. If you experience any of the following symptoms while playing a video game - dizziness, altered vision, eye or muscle twitches, loss of awareness, disorientation, any involuntary movement, or convulsions - IMMEDIATELY discontinue use and consult your physician before resuming play.

WARNING TO OWNERS OF PROJECTION TELEVISIONS:

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- Do not leave it in direct sunlight or near a radiator or other source of heat.
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- Keep this compact disc clean. Always hold the disc by the edges and keep it in its protective case when not in use. Clean the disc with a lint-free, soft, dry cloth, wiping in straight lines from center to outer edge. Never use solvents or abrasive cleaners.

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START-UP INFORMATION

Console

Top View

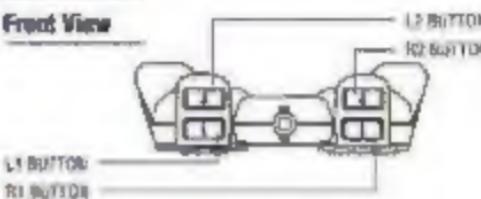


Set up your PlayStation® console according to the instructions in its Instruction Manual. Make sure the power is off before inserting or removing a compact disc. Insert the TNN Motor Sports™ HardCore 4x4™ disc and close the Disc cover. Insert game controllers and turn on the PlayStation® console. Follow on-screen instructions to start a game.

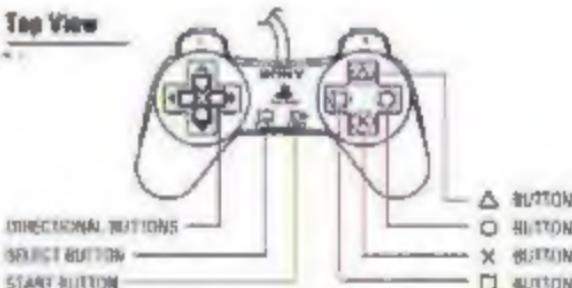
CONTROLLER DIAGRAM

Controller

Front View



Top View



1.0 GETTING STARTED

TNN Motor Sports™ HardCore 4x4™ brings real vehicle physics, four wheel independent suspension and incredible 3D graphics home to your PlayStation®. Rampage through six different courses in this hardcharging, white knuckle race to the finish.

TO BEGIN, simply place the CD into the PlayStation®, close the Disc cover and press the POWER button (RESET if the machine is already on). Using the TITLE screen, you may choose either START or OPTIONS. To choose between START and OPTIONS, simply use the Directional buttons $\leftarrow \rightarrow \uparrow$ (the left side of the controller) to highlight your choice, and press the "X" button. You will then proceed to either the START menu screen, or the OPTIONS menu screen.

***WARNING:** It is advised that you do not insert or remove peripherals or Memory cards once the power is turned on.

2.0 OPTIONS

- The OPTIONS screen allows you to configure the game in various ways: you can adjust the volume of music and sound effects, turn the commentary on and off, customize the controller setup, and adjust the feel of the steering from a "loose" feel to a very "tight" feel.
- Simply use the Directional buttons to select which function you want to access. Then use the LEFT and RIGHT Directional buttons ($\leftarrow \rightarrow$) to change the settings.
- When you are satisfied with the settings, use the Directional buttons ($\uparrow \downarrow$) to highlight EXIT and press the "X" button, or press the "START" button to return to the previous screen.
- These settings will remain active until they are changed or the machine is reset. The options settings are saved along with game saves.
- TNN Motor Sports™ HardCore 4x4™ is compatible with NeGcon™ and analog steering wheel peripherals.

3.0 START MENU ITEMS

Each of the following icons on the START menu allow you to set various game play features:



START RACE

Selecting this puts you into the race. The default is Single Race, Novice Class and Automatic Transmission. After making your race selections from the START menu, highlight the START RACE icon and press the "X" button.



SELECT RACE TYPE

There are three race types or modes to compete in:

Single Race

Race against 5 other trucks, one track at a time.

Championship

Race against 5 other trucks on all 6 courses. Win all 6 courses on the Extreme level and get the "hidden" truck — play another championship with the hidden truck for the fastest times! After each race, you can view your standings and save your results to the Memory card.

Time Trial

The Time Trial allows up to 8 players to compete individually for the fastest time and race up to 6 laps. You can save your Time Trial results on your Memory card.



SELECT TRUCK

Six trucks to choose from, each with different performance specs:

Fire Witch

Good on pumice and hardened lava.

Snow Spider

Excellent traction and goaring in wintery conditions.

Canyon Snake

Handles well on rock and sand.

Sand Blaster

Best traction on sandy terrains.

Shasta Cyclone

All around performance for multiple terrain environments.

Tree Killer

Great on pavement, pine needles and road kill.

SELECT TRANSMISSION

There are two types of transmissions for gear shifting:

Automatic

Gears will shift automatically.

Manual

Player must control gear shifting manually by using the R1 and/or R2 button (see controller layout).

SELECT RACE TRACK

There are six different courses, each with unique terrain properties:

Dynamite Pass

Multiple terrains in a mountain setting.

Ground Zero Quinch

There are lots of nuts and bumps in this grand canyon.

Devil's Kitchen

Kick up a dust storm as you race through blinding desert sands.

Mercurial Forest

Drive over pavement and mountain terrains.

Hades Highway

Feel the scorching heat of the volcano.

Arctic Inferno

Slip and slide through snow covered terrains.

SELECT DRIVER CLASS

Each class indicates the level of driving difficulty.

Higher driving classes are unavailable until you have won the Championship Race in your current class. Vehicle damage adversely affects vehicle handling.

Novice

In Novice mode, you race 3 laps around the selected track. Damage is set to minimum levels.

Pro

In Pro mode, you race 4 laps with normal damage.

Extreme

In Extreme mode, you race 5 laps with maximum damage.

SELECT WEATHER CONDITIONS



Choose from different weather conditions to intensify the race. Note that each type of weather condition affects each track according to its terrain type.

Good

Normal daytime conditions: all tracks.

Overcast

Cloudy conditions obscure your view: varies by track.

Severe

Rain: Ground Zero Gulch, Mercurial Forest

Snow: Arctic Inferno, Dynamite Pass

Sandstorm: Devil's Kitchen

Smoke: Hades Highway

Day/Night

Choose to race in either daylight or nighttime conditions on any track. Simply use the Directional buttons then press the "X" button to make your selection.

LOAD/SAVE GAME



Using your Memory Card you can save your Time Trial Race results and all of your races leading up to the Championship.

WARNING: DO NOT REMOVE MEMORY CARD DURING LOAD/SAVE OPERATION.

Insert the Memory card into Slot 1 (Left slot only) before turning on the console. Use the Directional buttons to select either Championship or Time Trial and press the "X" button. You will then be able to load or save Championship or Time Trial results.

For Time Trial Races, you can save your best split times from each track. The best split times will overwrite previously saved times on your Memory card.

You can only save a Championship Race from the Results Screen which appears after each race.

4.0 BASIC CONTROLS AND DRIVING

START Start/Pause game (fixed)

X Gas pedal/accelerate (configurable)*

D Brake (configurable)

△ Change view (configurable)

Behind vehicle, near vehicle, Inside 4x4,
Inside with active dashboard

O Hand brake (configurable)

L1 Downshift (Manual Transmission)** (configurable)

L2 n/a (configurable)

R1 Shift up (Manual Transmission)** (configurable)

R2 Horn (configurable)

DIRECTIONAL BUTTONS:

→ Turn right (fixed)

← Turn left (fixed)

↑ n/a (fixed)

*Note: By double-tapping the accelerator, you get an extra burst of speed for a limited time by using one of the 3 Nitro Power-ups. (there are 3 per track)

**Note: In Automatic Transmission mode, you have access to 3 gears: Hi, Lo, and Reverse. By holding the Downshift button, the truck will go into Reverse. When released, it will automatically return to Hi. By holding the Shift Up button, the truck will drop into Lo gear for those tricky places that need lots of power. When released, it will return to Hi gear.

NeGcon™ and Analog Steering Wheel support:

Both of these analog controllers are supported by TNN Motor Sports' HardCore 4x4™. Refer to the documentation provided by those peripherals for proper controller mapping. Note that when the NeGcon™ is connected, Shift Up and Downshift will be fixed to the Directional buttons ↑ ↓ and you will not be able to re-assign them.



5.0 MID-RACE OPTIONS

To pause the game, press START to bring up the PAUSE menu. From here, you can choose to return to the game by selecting CONTINUE and pressing START again. You can also choose to change sound levels and steering control. Or you can reset the game from the PAUSE menu by selecting QUIT and pressing START, then select YES and press START again. This will bring you back to the TITLE screen where you can start a new race. NO takes you back to the PAUSE menu.

6.0 DRIVING TIPS

- Be careful, the trucks can get damaged by obstacles and by other trucks.
- Since these trucks are designed to emulate real-world driving, use your natural instincts at all times.
- When climbing up steep terrains, make sure you are in low gear. As you pick up speed, shift into higher gears. On straightaways, stay in high gear for top speed.
- If you need to turn a tight corner, use the Hand Brake. (Hint: This control is also good for radical spins!)
- Use the multiple camera views for optimal views of the race.
- Try different paths through the course. Some paths provide a faster, easier, more direct path than others, and may shave valuable seconds off your time.
- Use the Steering Wheel adjustment under the OPTIONS menu. This control adjusts the feel of the steering from LOOSE to TIGHT, with the default at a normal value. A tight setting means the trucks respond quickly to steering, while loose means there is more play in the wheel.

7.0 CREDITS

TNN Motor Sports™ HardCore 4x4™ is developed by Gremlin Interactive, Ltd. in Sheffield, England, and American Softworks Corporation in Darien, CT.

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